JC10 Rec'd PCT/PTO 2 6 MAY 2005

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTTORNEY'S DOCKET NUMBER

AOY-3992US

7 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/JP02/12412 28 November 2002 (28.11.2002) TITLE OF INVENTION METHOD AND APPARATUS FOR ESTIMATING ROTOR POSITION AND FOR SENSORLESS CONTROL OF A SWITCHED RELUCTANCE MOTOR APPLICANT(S) FOR DO/EO/US Taro Kishibe, Subrata Saha, Hiroshi Murakami, Kazushige Narazaki Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. 🗹 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. 🚺 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. 🗸 Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16 A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. L A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: unexecuted Declaration/Power of Attorney; copy of PCT Publication cover page; PTO 2038 20.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 02-2005)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/JP02/12412				ATTORNEY'S DOCKET NUMBER AOY-3992US			
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Search fee (37 C	ch fee FR 1.445(a)(2)) h	as been paid on	the international application to	the USPTO as an			
Internation	nal Searching Aut	hority	to the Office	\$100			
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CLAIMS		IER FILED	NUMBER EXTRA	RATE	\$		
Total claims		22 - 20 =	2	× \$ 50	\$ 100		
Independent clair	ns	11 -3=	8	× \$200	\$ 1,600		
MULTIPLE DEPE	NDENT CLAIM	S) (if applicable)		+ \$360	\$ 360		
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CERTIFICATE OF MAI Applicant(s): T. Kishibe e	Docket No. AOY-3992US								
Serial No.	Filing Date	Examiner	Group Art Unit						
To Be Assigned	Herewith								
Invention: METHOD AND APPARATUS FOR ESTIMATING ROTOR POSITION AND FOR SENSORLESS CONTROL OF A SWITCHED RELUCTANCE MOTOR									
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